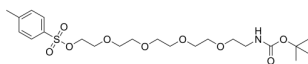


Certificate of Analysis

Compound Information

Product Name:	2,2-Dimethyl-4-oxo-3,8,11,14,17-pentaoxa-5-azanonadecan-19-yl 4-methylbenzenesulfonate
Cat. No.:	1599498
CAS No.:	1404111-69-8
Molecular Formula:	C ₂₂ H ₃₇ NO ₉ S
Molecular Weight:	491.60
Chemical Structure:	



Batch Information

Batch No.:	Lg1115334914
Storage:	-20°C, sealed storage, away from moisture
Test Date:	2023-11-14
Retest Date:	2026-11-13
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai